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NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
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NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
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NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
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NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
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NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27 Oct 21 EVENTLINE has been reloaded
NEWS 28 Oct 24 BEILSTEIN adds new search fields
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 31 Nov 18 DKILIT has been renamed APOLLIT
NEWS 32 Nov 25 More calculated properties added to REGISTRY
NEWS 33 Dec 02 TIBKAT will be removed from STN
NEWS 34 Dec 04 CSA files on STN
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36 Dec 17 TOXCENTER enhanced with additional content
NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 38 Dec 30 ISMEC no longer available
NEWS 39 Jan 13 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 40 Jan 21 NUTRACEUT offering one free connect hour in February 2003
NEWS 41 Jan 21 PHARMAML offering one free connect hour in February 2003
NEWS 42 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 43 Feb 13 CANCERLIT is no longer being updated
NEWS 44 Feb 24 METADEX enhancements
NEWS 45 Feb 24 PCTGEN now available on STN
NEWS 46 Feb 24 TEMA now available on STN
NEWS 47 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 48 Feb 26 PCTFULL now contains images
NEWS 49 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
 CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(EN),
 AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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=> s endoglucanase (10a) thielavia
 L1 0 ENDOGLUCANASE (10A) THIELAVIA

=>'s endoglucanase (10a) thielavia
L2 15 ENDOGLUCANASE (10A) THIELAVIA

=>.s dup rem l2
MISSING OPERATOR REM L2
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> dup rem l2
PROCESSING COMPLETED FOR L2
L3 7 DUP REM L2 (8 DUPLICATES REMOVED)

=> d 1-7

L3 ANSWER 1 OF 7 HCAPLUS COPYRIGHT 2003 ACS
AN 1996:718350 HCAPLUS
DN 126:3771
TI Mol. screening and PCR cloning of novel endoglucanases from fungi for use
as detergents, textile treatment, and paper pulp processing
IN Schuelein, Martin; Andersen, Lene Nonboe; Lassen, Soeren Flensted;
Kaappinen, Markus Sakari; Lange, Lene; Nielsen, Ruby Ilum; Ihara, Michiko;
Takagi, Shinobu
PA Novo Nordisk A/s, Den.
SO PCT Int. Appl., 406 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9629397	A1	19960926	WO 1996-DK105	19960318
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	CA 2214116	AA	19960926	CA 1996-2214116	19960318
	AU 9649394	A1	19961008	AU 1996-49394	19960318
	AU 715423	B2	20000203		
	EP 815209	A1	19980107	EP 1996-905762	19960318
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	CN 1182451	A	19980520	CN 1996-193494	19960318
	BR 9607646	A	19980616	BR 1996-7646	19960318
	JP 11502701	T2	19990309	JP 1996-527993	19960318
	JP 3360830	B2	20030107		
	US 6001639	A	19991214	US 1996-651136	19960521
	US 6387690	B1	20020514	US 1999-229911	19990113
PRAI	DK 1995-272	A	19950317		
	DK 1995-885	A	19950808		
	DK 1995-886	A	19950808		
	DK 1995-887	A	19950808		
	DK 1995-888	A	19950808		
	DK 1996-137	A	19960212		
	WO 1996-DK105	W	19960318		
	US 1996-651136	A3	19960521		
OS	MARPAT 126:3771				

L3 ANSWER 2 OF 7 SCISEARCH COPYRIGHT 2003 ISI (R) DUPLICATE 1
AN 95:190979 SCISEARCH
GA The Genuine Article (R) Number: QL109
TI ISOLATION AND PROPERTIES OF A THERMOSTABLE ENDOGLUCANASE FROM A
THERMOPHILIC MUTANT STRAIN OF **THIELAVIA-TERRESTRIS**
AU KVESITADZE E G (Reprint); LOMITASHVILI T B; KHUTSISHVILI M P; LAMED R;
BAYER E A
CS GEORGIAN ACAD SCI, INST PLANT BIOCHEM, TBILISI 380059, REP OF GEORGIA
(Reprint); TEL AVIV UNIV, GEORGE S WISE FAC LIFE SCI, DEPT MOLEC MIROBIOL
& BIOTECHNOL, RAMAT AVIV, ISRAEL; WEIZMANN INST SCI, DEPT BIOPHYS,

IL-76100 REHOVOT, ISRAEL
 CYN REPUBLIC OF GEORGIA; ISRAEL
 SO APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, (FEB 1995) Vol. 50, No. 2, pp.
 137-143.
 ISSN: 0273-2289.
 DT Article; Journal
 FS LIFE; AGRI
 LA ENGLISH
 REC Reference Count: 20
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 3 OF 7 LIFESCI COPYRIGHT 2003 CSA DUPLICATE 2
 AN 87:67877 LIFESCI
 TI Cellulase screening by iodine staining: An artefact.
 AU Zitomer, S.W.; Eveleigh, D.E.
 CS Dep. Biochem. and Microbiol., Cook Coll., Rutgers Univ., New Brunswick, NJ
 08903, USA
 SO ENZYME MICROB. TECHNOL., (1987) vol. 9, no. 4, pp. 214-216.
 DT Journal
 FS K; A; W
 LA English
 SL English

L3 ANSWER 4 OF 7 HCAPLUS COPYRIGHT 2003 ACS
 AN 1986:441289 HCAPLUS
 DN 105:41289
 TI Manufacture of cellulases
 IN Takazawa, Seigo; Kawamori, Mikio
 PA New Fuel Oil Development Technology Research Assoc., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese

PATENT NO.		KIND	DATE	APPLICATION NO.		DATE
PI	JP 61078384	A2	19860421	JP 1984-202372	19840927	
PRAI	JP 1984-202372		19840927			

L3 ANSWER 5 OF 7 HCAPLUS COPYRIGHT 2003 ACS
 AN 1986:605850 HCAPLUS
 DN 105:205850
 TI Production and localization of cellulases and .beta.-glucosidase from the
 thermophilic fungus Thielavia terrestris
 AU Breuil, C.; Wojtczak, G.; Saddler, J. N.
 CS Biotechnol. Chem. Dep., Forintek Canada Corp., Ottawa, ON, K1G 3Z5, Can.
 SO Biotechnology Letters (1986), 8(9), 673-6
 CODEN: BILED3; ISSN: 0141-5492
 DT Journal
 LA English

L3 ANSWER 6 OF 7 HCAPLUS COPYRIGHT 2003 ACS
 AN 1985:610737 HCAPLUS
 DN 103:210737
 TI Growth and cellulolytic activity of thermophilic fungi in media with
 nonspecific substrates
 AU Bilai, T. I.; Musich, E. G.; Syrchin, S. A.
 CS Inst. Mikrobiol. Virusol., Kiev, USSR
 SO Mikrobiologicheskii Zhurnal (1978-1993) (1985), 47(5), 62-8
 CODEN: MZHUDX; ISSN: 0201-8462
 DT Journal
 LA Russian

L3 ANSWER 7 OF 7 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 3
 AN 1986:146215 BIOSIS
 DN BA81:56631
 TI COMPONENT COMPOSITION OF THE CELLULASE COMPLEX IN CERTAIN SPECIES OF
 THERMOPHILIC FUNGI.
 AU BILAI T I; MUSICH E G; SYRCHIN S A

CS INST. MICROBIOL. VIROL., AC SCI. UKR. SSR, KIEV, USSR.
SO MIKROBIOL ZH (KIEV), (1985) 47 (5), 57-62.
CODEN: MZHUDX.
FS BA; OLD
LA Russian

=> d 2, 5 ab

L3 ANSWER 2 OF 7 SCISEARCH COPYRIGHT 2003 ISI (R) DUPLICATE 1
AB A heat-stable enzyme was isolated from the cellulase complex of a thermophilic strain of the micromycete *Thielavia terrestris*. The purified enzyme exhibited both endoglucanase and xylanase activities and had a mol mass of 69,000 Daltons and an isoelectric point of 6.4. When the cells were grown at 48 degrees C, the initial activity of the purified enzyme using carboxymethylcellulose as a substrate was 150 nkat/mg and the Michaelis constant was 6.6 g/L. The heat stability of the enzyme was high, losing only 20% of the initial activity after a 6-h incubation at 65 degrees C. When cultures were grown on microcrystalline cellulose and xylose was added after 48 h of growth, endoglucanase and xylanase activities were more than doubled. Similar increases in these activities were observed by growing the cultures on straw.

L3 ANSWER 5 OF 7 HCAPLUS COPYRIGHT 2003 ACS
AB The prodn. and localization of enzymes in *T. terrestris* strains C464 and NRRL 8126 were compared and the optimum temp. and pH for cellulase activity were detd. High levels of intracellular .beta.-glucosidase activity were detected in the former strain. The intracellular .beta.-glucosidase of both strains were more thermostable than the extracellular enzyme; the half life of *T. terrestris* (C464) endoglucanase activity at 60.degree. was >96 h.

=> dis his

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FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 12:56:24 ON 07 MAR 2003

L1 0 S ENDOGLUCANASE (10A) THIELAVIA
L2 15 S ENDOGLUCANASE (10A) THIELAVIA
L3 7 DUP REM L2 (8 DUPLICATES REMOVED)

=> log h

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SINCE FILE	TOTAL
ENTRY	SESSION
27.68	27.89

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
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